

BEST AVAILABLE COPY

SEARCHED

| Class | Sub. | Date | Exmr. |
|----------------------|------|---------|--------|
| 257 | 750 | 3-12-02 | J.W.S. |
| 257 | 751 | | |
| 257 | 758 | | |
| 257 | 762 | | |
| 257 | 767 | | |
| 257 | 769 | | |
| 438 | 625 | | |
| 438 | 650 | | |
| Updated Above Search | | 10-2-02 | J.W.S. |
| Updated Above Search | | 2-5-03 | J.V.S. |
| Updated Above Search | | 6-23-03 | J.W.S. |

INTERFERENCE SEARCHED

| Class | Sub. | Date | Exmr. |
|----------------------|------|---------|--------|
| Same As Above | | 10-2-02 | J.W.S. |
| Updated Above Search | | 2-5-03 | J.W.S. |
| Updated Above Search | | 6-23-03 | J.W.S. |

SEARCH NOTES (INCLUDING SEARCH STRATEGY)

| Key Words | Date | Exmr. |
|--|---------|--------|
| Electromigration -Prevention -Copper -Platinum -Iridium -Rhodium -Ruthenium -Osmium Diffusion Barrier Ruthenium Plug Interconnects Metallization Primary Constituent | 3-12-02 | J.W.S. |
| Also see search notes for 09255, 856 | 3-12-02 | J.W.S. |
| Updated Above Search | 10-2-02 | J.W.S. |
| Updated Above Search | 2-5-03 | J.W.S. |
| Updated Above Search | 6-23-03 | J.W.S. |
| <u>Search Tools</u> | | |
| EAST (Inside) | | |
| -USPAT -US PG BUBS -Derwent -EPO -JPO -IBM TDB | 3-12-02 | J.W.S. |
| | 10-2-02 | J.W.S. |
| | 2-5-03 | J.V.S. |
| | 6-23-03 | J.W.S. |
| NPL - IEEE -Electromigration -Copper Interconnects | 3-12-02 | J.W.S. |